

sales@awaretech.com

STAT FAX® 4500

Programmable open system

Biochemistry Analyzer

Stat Fax 4500 is a compact, standalone chemistry analyzer with built-in 12 station incubation, on-board printer, and touchscreen.



Stat Fax®, serving laboratory needs worldwide for more than 25 years

- Read well accepts 12 mm test tubes and 1 cm cuvettes
- Flow cell for rapid fluid sampling with low carryover
- 8 position filter wheel
- Standard 6 filter configuration (340 nm - 700 nm)
- Optional read cell cooling at 25°C, 30°C, or 37°C
- Incubation block at 37°
- Stores up to 120 tests in memory



 **AWARENESS**
TECHNOLOGY, INC.

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Stat Fax® 4500 Biochemistry Analyzer

Linear Measurement Range

Photometric Accuracy

Stability

Light Source

Standard Wavelengths

Filter Type

Tube Size

Minimum sample volume

Display

Printer

Power Requirements

Interface

Speed

Calculation Modes

Test Menu

Temperature control

Enclosure

Dimensions

Certifications

Tube or Cuvette - 0.0 to 3.0 Absorbance units (A).

+/- (1% of the reading+ 0.005A).

Drift of no more than 0.005A in 8 hours/bichromatic.

Tungsten lamp with lamp saver feature.

340, 405, 505, 545, 580 and 630nm.

(alternate filters available from 340 to 700nm).

IAD hardcoat interference, 10nm half bandpass.

12 mm round tube is standard.

Read cell accommodates square cuvettes.

1 ml for 12mm round tube.

250µL for flowcell.

Interactive touch-screen 3.5" LCD, color graphic display.

Thermal dot matrix, with graphic capability.

115V or 230V AC, 1.5A, 50-60Hz (universal input).

USB mouse.

Reads, calculates and prints results, 3 seconds per tube.

Single point calibration by standard or factor, multipoint calibration with point-to-point curve fit, rate by standard or factor (batch or singly).

More than 50 open channels to store tests.

Stores all parameters including wavelengths, calculations, unit codes, linear and normal ranges, rate timing, standard values, test names and previous standard curve.

Read cell and incubation block, user selectable.

Painted flame-retardant ABS plastic cover and base.

Approx. 9x13.5x5in. (24x34x13cm) weighs 10 lbs.(4.5kg).

NRTL listed, CE mark.



ISO 13485:2016



Awareness Technology, Inc. USA & International
tel: +1 772 283 6540 fax: +1 772 283 8020

Awareness Technology, Inc. Europe
tel: +43 (0) 2236 892465 fax: +43 (0) 2236 892464

Awareness Technology, Inc. Asia & Africa
tel: +971 (06) 557 80 58 fax: +971 (06) 557 80 59



Redi-Check® photometer check set, to monitor the accuracy, linearity, and repeatability of Chemistry Analyzers